

MATERIAL SAFETY DATA SHEET

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For Manufacturing, Processing, or Repacking Only.

1 : Identification of the substance / preparation and company

Product Code / Trade Name : RW101370 / decanal (aldehyde C-10)

Supplier Details : The Good Scents Company

Information : 414-764-2659

Version Date : 05/07/2009

2 : Composition / information on ingredients

Chemical characterization :

Hazardous ingredient(s) :

decanal 95.00 to 100.00 %

Hazard symbols : Xi N R phrases : 38 52/53

mol./wt. : 156.2652000 formula : C10 H20 O cas : 112-31-2

einecs number : 203-957-4

[NLM HSDB](#)

3 : Hazard identification

Most important hazards :

Irritant, Dangerous for the environment.

Irritating to skin.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Keep out of the reach of children.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing.

Avoid release to the environment. Refer to special instructions/safety data sheet.

4 : First-aid measures

Remove contaminated soaked clothing and wash before reuse.

After eye contact :

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In case of contact with eyes, rinse immediately with plenty of water for at least 10 minutes and seek medical advice.
After skin contact :
After contact with skin, wash immediately affected area with soap and plenty of water.
After inhalation :
If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
After ingestion :
If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Obtain immediate medical advice.
5 : Fire-fighting measures
Extinguishing media :
Carbon Dioxide; Dry Chemical; Universal-Type Foam.
Special firefighting procedures :
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual fire and explosion hazards :
Emits toxic fumes under fire conditions.
6 : Accidental release measures
Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area.
To avoid possible contamination of the environment, Do not discharge into any drains, surface waters or groundwaters.
Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors.
Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.
7 : Handling and storage
Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eyeshields and protective clothing. Smoking should not be permitted in work areas.
Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges.
To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Protect from heat/overheating and light sources.
Keep in glass, suitable plastic, aluminum or laquer-lined containers.
8 : Exposure controls / personal protection
Occupational exposure limits :
OSHA TWA : Not determined
ACGIH TWA : Not determined

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NIOSH TWA : Not determined	
OSHA PEL : Not determined	
ACGIH STEL : Not determined	
NIOSH STEL : Not determined	
Respiratory protection :	
Do not breath vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.	
Hand protection :	
Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.	
Eye protection :	
Chemical safety goggles are recommended. Wash contaminated goggles before reuse.	
Body protection :	
Light protective clothing recommended. Wash contaminated clothing before reuse.	
Hygiene measures :	
Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Safety shower and eye bath recommended.	
9 : Physical and chemical properties	
Appearance / odor :	
colorless to pale yellow clear liquid / sweet aldehydic waxy orange peel citrus floral	
Melting point :	17.00 to 18.00 °C. @ 760.00 mmHg
Boiling point :	207.00 to 209.00°C. @ 760.00 mmHg
Flash point (Deg. F.) :	186.00 °F. TCC (85.56 °C.)
Flammability :	Not determined
Autoflammability :	Not determined
Explosive properties :	Not determined
Oxidizing properties :	Not determined
Vapor pressure :	0.10300 mm/Hg @ 25.00 °C.
Vapor density :	>1 (Air = 1)
Volatile by volume :	100.00 %
Evaporation rate :	Not determined
Specific gravity :	0.82400 to 0.83200 @ 25 °C.
PH of Product :	Not determined
Solubility in water :	Very Slightly Soluble
10 : Stability and reactivity	
Stability :	Stable
Conditions to avoid :	Heat, excessive heat, open flames and other sources of ignition.
Incompatibility :	Strong oxidizing agents, strong reducing agents.
Hazardous decomposition	Carbon monoxide, carbon dioxide. Hazardous

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products :	polymerization will not occur.
11 : Toxicological information	
Acute effects :	Irritant, Dangerous for the environment. Irritating to skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Oral Toxicity(LD50) :	Oral-Rat 3730.00 ul/kg AIHAAP 23,95,1962 Oral-Mouse >41750.00 mg/kg
Dermal Toxicity(LD50) :	Skin-Rabbit 5040.00 ul/kg AIHAAP 23,95,1962
Skin Irritation :	Skin-Rabbit 500.00 mg/24hours mild FCTXAV 11,1079,1973
Eye Irritation :	Not determined
Inhalation data(LC50) :	Not determined
Mutagenicity data :	Not determined
Phototoxicity data :	Not determined
Human experience :	Not determined
Carcinogenicity :	Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS : No
Reproductive toxin :	Per OSHA, IARC, NTP, ACGIH, OEHHA-Prop 65, RTECS : No
On the TSCA Inventory? :	Yes
12 : Ecological information	
Biodegradability	
Readily biodegradable :	Not determined
Inherently biodegradable :	Not determined
Ecotoxicity	
Fish :	Not determined
Algae :	Not determined
Daphnia :	Not determined
Bacteria :	Not determined
Further information :	Prevent contamination of soil, ground and surface waters. Do not discharge product unmonitored into the environment.
Mixture reportable to :	None found
13 : Disposal considerations	
Dispose of in accordance with all federal, state and local environmental regulations.	
14 : Transport information	
US DOT Hazard Class :	n/a keep away from children
UN Number :	3082
UN Pkg. Group :	III

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UN item :	Not determined		
ERG Number :	Not determined		
Land transport (ADR/RID)			
Class :	Not determined		
Transportfactor :	Not determined		
Marine transport (IMDG)			
IMDG-class :	Not determined		
Page No. :	Not determined		
MFAG :	Not determined		
EmS-No. :	Not determined		
Air transport (IATA)			
IATA-class :	Not determined		
Passenger :	Not determined		
Cargo :	Not determined		
15 : Regulatory inforamtion			
European information :			
Xi N - Irritant, Dangerous for the environment.			
R 38 - Irritating to skin.			
R 52/53 - Harmful to qauatic organisms, may cause long-term adverse effects in the aquatic environment.			
S 02 - Keep out of the reach of children.			
S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.			
S 36 - Wear suitable protective clothing.			
S 61 - Avoid release to the environment. Refer to special instructions/safety data sheet.			
Reviews, standards, and regulations :			
NOES 1983: HZD X5145; NIS 13; TNF 3349; NOS 26; TNE 35717; TFE 16153 EPA TSCA SECTION 8(B) CHEMICAL INVENTORY EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES. WATER ENDANGERING CLASS (WGK): 2			
16 : Other information			
Fema No. :	2362		
Hazardous materials identification system :			
Fire : 2	Health : 2	Reactivity : 0	Personal protection : B

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